

LOUISIANA STATEWIDE TRANSPORTATION PLAN UPDATE

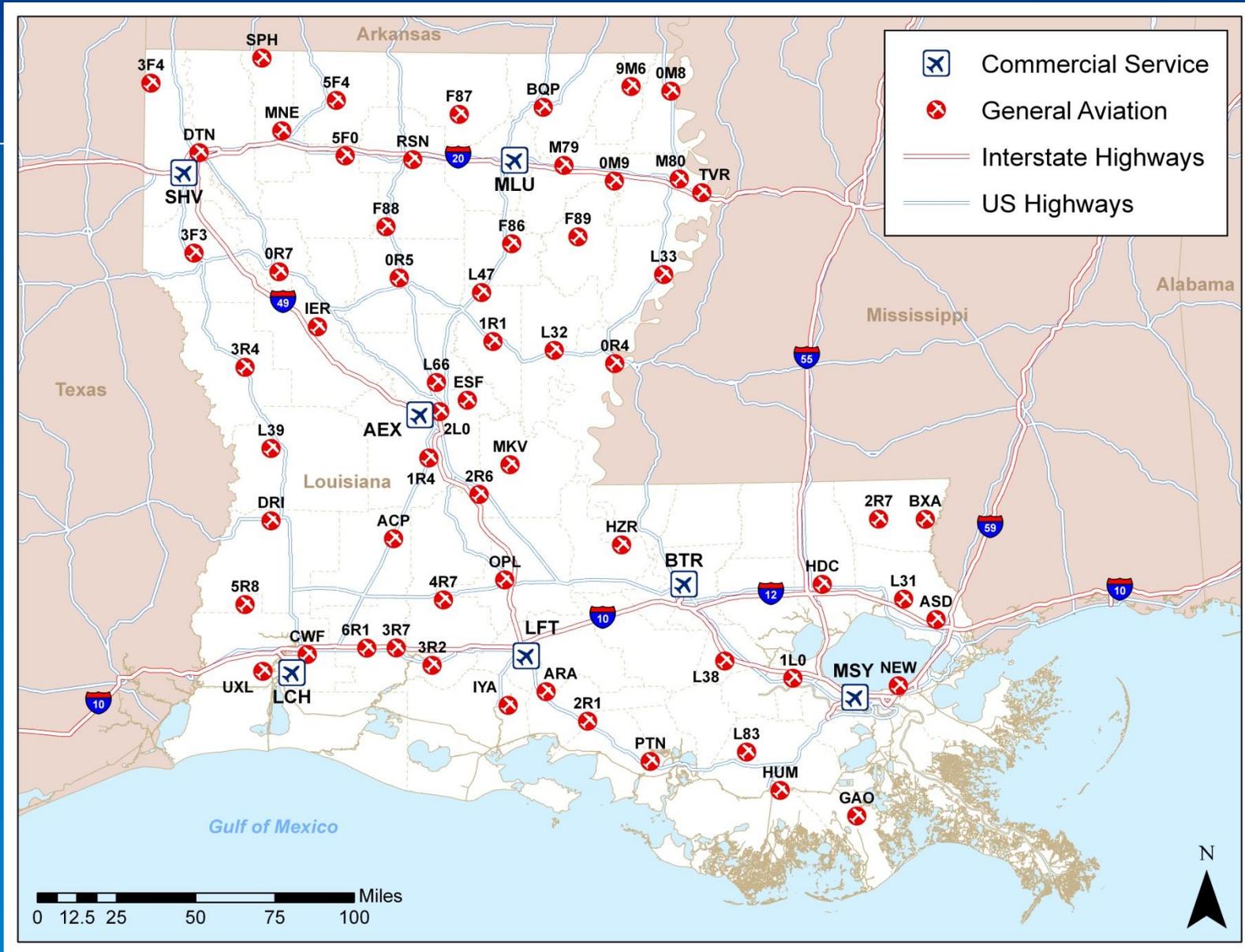
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Study Airports



Work Plan

- Review 2003 Transportation Plan
- Conduct system analysis
- Develop statewide economic impact model
- Assess development options
- CIP/Costs analysis
- Publish findings and deliverables
- 12 month process



LASP Process

Vision Phase

- Goals/Issues
- Inventory
- Forecasts

Choices Phase

- Facility/Service Objectives
- Benchmarking
- Compliance

Action Phase

- Costs/Funding
- Implementation
- Economic Impact

Goals/Issues

- **Access:** provide adequate airport access to the state's population
 - 94% of population within 60 minutes of commercial airport
 - 98% of population with 30 minutes of any airport
- **Physical:** ensure airports have the facilities necessary to fulfill the assigned system role
 - Must meet safety criteria
 - Must meet design standards
- **Economic:** provide an aviation system that supports the local, regional, and state economies by enabling the rapid and efficient movement of people and products that rely on aviation

Inventory

- Collect data from each airport detailing its facilities, services and operations
 - Survey
 - On-site visits
 - Follow up calls
- Part of input for determining airport's role within the state system
 - Reliable and timely data is critical to the study

Forecasts

- Forecast demands 30-year time period
 - Base year: 2010
 - Forecasts for:
 - 2018
 - 2023
 - 2033
 - 2043
- Pax enplanements
 - Assess leakage in and out
- Scheduled airline operations
- General aviation operations
- Air Cargo tonnage

Facility/Service Objectives

- Review 2003 LASP airport categories
- Stratification of airports into roles using data such as:
 - Population served
 - Accessibility
 - Facility parameters
 - Services provided
- Establish facility/service objectives based upon system role

Roles from last study:

CS Airport, GA Reliever, GA National

GA Regional

GA Local

GA Limited

Benchmarking

- For each airport role, establish minimum thresholds for facility requirements and service levels

General Aviation - Regional Airports

ARC	B-II or greater
RUNWAY LENGTH	100% of Small Aircraft with less than 10 passenger seats
RUNWAY WIDTH	To meet ARC requirements
TAXIWAY WIDTH	Partial Parallel
NAVIGATIONAL AIDS	Non-Precision Approach
VISUAL AIDS	PAPIs
LIGHTING	MIRL, Beacon
WEATHER REPORTING SERVICES	Automated Weather Phone, Restrooms, FBO, Maintenance, Jet Fuel 100 LL, Ground Transportation
FACILITIES	Terminal, Aircraft Apron, Hangars, Auto Parking
COMMUNICATIONS	GCO

Compliance

- Measure the performance of airport system against previously established benchmarks
- Identify shortfalls within the system and at individual airports
- Craft development alternatives to address shortfalls

Costs/Funding

- Develop cost estimates for each development alternative
- Determine funding sources for each project
- Assess pros and cons of each development alternative, taking into account costs and funding sources

Implementation

- Develop a phased plan for bringing the preferred development alternatives to realization
 - Short range projects
 - Medium range projects
 - Long-range projects
 - Projects beyond the planning horizon

Study Goals

- Quantify the economic contribution of 68 airports
 - Overall economic impacts
 - Tax impacts
 - Air cargo impacts
 - Benefits to business
- Use FAA approved methodology
- Provide airport promotional materials
- Educate state/community stakeholders

Types of Economic Impact:

- Direct Impacts
 - On Airport
 - Visitors to LA: Commercial, GA visitors
- Multiplier Impacts
- Total Impacts
- Non-quantifiable/Qualitative Benefits



Next Steps

- GIS Analysis
- Airport Performance Analysis
- Recommended System
- CIP Cost Analysis
- Economic Impact Multipliers
- Draft Tech Report(s)
- Draft Summary Brochures